

## STATE OF SOUTH CAROLINA

## (Caption of Case)

Implementation of EPACT 2005-Sections 1251 &  
1254-Net Metering, Smart Metering &  
Interconnection

BEFORE THE  
PUBLIC SERVICE COMMISSION  
OF SOUTH CAROLINA

## COVER SHEET

## DOCKET

NUMBER: 2005 - 385 - E

(Please type or print)

Submitted by: Catherine E. HeigelSC Bar Number: 9268Address: Duke Energy CorporationTelephone: 704.382.8123P O Box 1006 / EC03TFax: 704.382.5690Charlotte, NC 28201-1006

Other: \_\_\_\_\_

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NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

**DOCKETING INFORMATION** (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☒ Other: \_\_\_\_\_

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigation
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input checked="" type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input type="checkbox"/> Report	



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November 26, 2007

The Honorable Charles Terrini  
Chief Clerk/Administrative  
Public Service Commission of South Carolina  
P. O. Drawer 11649  
Columbia, South North Carolina 29211

RE: Compliance Filing of Net Metering Riders  
SCPSC Docket No. 2005-385-E

Dear Mr. Terrini:

Pursuant to Public Service Commission of South Carolina (the "Commission") Order No. 2007-618 (the "Order") in the above-reference docket, Duke Energy Carolinas, LLC ("Duke Energy Carolinas" or the "Company") encloses for the Commission's consideration and approval an original and ten (10) copies of its Net Metering Rider ("Rider NM (SC)") and Small Customer Generator Rider ("Rider SCG (SC)"), along with copies of the following schedules that the Company has revised to reference these new riders: Schedules RT (SC), OPT (SC), RS (SC), RE (SC), ES (SC), G (SC), GA (SC) and I (SC).

The Company's proposed Rider NM (SC) and Rider SCG (SC) provide qualifying customers with the option of utilizing either a time-of-use or a non time-of-use energy rate tariff. Under both tariffs, customers receive an economic advantage for self-generation in excess of electricity consumed. Duke Energy Carolinas believes these tariffs provide customers the necessary rate options for self-generation in compliance with the Commission's Order.

Rider NM (SC) is unchanged from Yarbrough Exhibit A, as filed on April 24, 2007 in the above-referenced docket, except that Paragraph 6 of the General Provisions has been revised to remove the retention of renewable energy credits ("RECs") by Duke Energy Carolinas associated with any accumulated excess energy at year-end. The Commission has deferred addressing the ownership of RECs until a viable market exists in South Carolina. Rider NM (SC) requires the customer to receive service under a time-of-use tariff with a demand component.

Rider SCG (SC) permits service under standard non time-of-use tariffs available to residential and nonresidential customers, as well as time-of-use tariffs. The provisions of Rider

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SCG (SC) are similar to Rider NM (SC), which allow customer generator systems up to 20 kW for residential customers and 100 kW for nonresidential customers. In addition to the charges from the customer's applicable rate schedule, under Rider SCG the Company applies (i) a monthly Supplemental Basic Facilities Charge of \$3.75 to recover the increased cost of the bi-directional meter required to provide this service, and (ii) a standby charge (based on the size of customer's generator) to compensate the Company for backstanding the customer's generator when the generator is not operating. The standby charge is the same as the standby charge under Schedules PG and HP-X.

Rider SCG (SC) also allows the customer to sell excess generation to the Company by providing a credit in accordance with current on-peak and off-peak "Energy Credits" found in Duke Energy Carolinas' current purchase power schedule (Schedule PP (SC)). Excess Energy is defined in the tariff as energy produced by a customer's generation that exceeds the energy delivered by Duke Energy Carolinas at a given time. The Commission has previously found that the avoided cost rates stated in Schedule PP (SC) are the appropriate value for energy delivered to the Duke Energy Carolinas' system from a customer's generator. The Excess Energy credit in the current month will offset billing under the standard schedule; however, the credit will not offset the Basic Facilities Charges or Standby Charge.

A copy of the Company's Rider NM (SC), Rider SCG (SC), and Schedules RT (SC), OPT (SC), RS (SC), RE (SC), ES (SC), G (SC), GA (SC) and I (SC) are attached as Exhibit Nos. 1 - 10, respectively. Schedules RT and OPT, the Company's tariffs for residential and non-residential customers receiving concurrent service from the Company on time-of-use rate schedules, have been revised to allow parallel operation when used in conjunction with Rider NM (SC) and Rider SCG (SC). Similarly, Schedules RS, RE, I, G, GA, and ES have been revised to allow for parallel operation in conjunction with Rider SCG.

Please do not hesitate to contact me with any questions.

Sincerely,

A handwritten signature in black ink, reading "Catherine E. Heigel". The signature is fluid and cursive, with the first name "Catherine" and last name "Heigel" clearly legible.

Catherine E. Heigel

Enclosures

cc: Parties of Record

Rider NM (SC)  
Net MeteringAVAILABILITY (South Carolina only)

Available on a first-come, first-served basis to residential and nonresidential Customers receiving concurrent service from the Company where a photovoltaic, wind-powered, micro-hydro or biomass-fueled generation source of energy, is installed on the Customer's side of the delivery point, for the Customer's own use, interconnected with and operated in parallel with the Company's distribution system. The aggregate capacity of all Customer-Generators served under this Rider shall not exceed 0.2% of the Company's South Carolina jurisdictional retail peak demand for the previous calendar year.

GENERAL PROVISIONS

1. To qualify for service under this Rider, a residential Customer must be served on time of use rate Schedule RT. The Nameplate Rating of the Customer's installed generation system and equipment must not exceed the estimated maximum monthly kilowatt (KW) demand of the residence or 20 KW, whichever is less.
2. To qualify for service under this Rider, a nonresidential Customer must be served on time of use rate Schedule OPT and may not be receiving service under Rider IS or SG. The Nameplate Rating of the Customer's installed generation system and equipment must not exceed the Customer's Contract Demand or 100 KW, whichever is less.
3. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the Customer-Generator during a monthly billing period, the Customer-Generator shall be billed for the net electricity in kilowatt hours supplied by the Company, plus any demand or other charges under the applicable time of use rate schedule. If the electricity delivered to the grid by the Customer-Generator exceeds the electricity in kilowatt hours supplied by the utility during a monthly billing period, the Customer-Generator shall be credited for the excess kilowatt hours generated during that billing period. Charges or credits will be determined using the appropriate on-peak and off-peak energy rates of the applicable rate schedule as further outlined in the RATE paragraph below:
4. All other provisions of the applicable time of use rate schedule including, but not limited to, Determination of Billing Demand, Determination of On-Peak and Off-Peak Hours, Definition of Month, Contract Demand, Adjustment for Fuel Costs, etc. will apply to service supplied under this Rider.
5. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer's request for service under this Rider.

RATE

The rate shall be the applicable time of use demand rate schedule and the monthly bill shall be determined as follows:

- I. The Basic Facilities Charge shall be the Basic Facilities Charge from Schedule RT or Schedule OPT as appropriate.
- II. The Demand Charge shall be determined as outlined in Schedule RT or Schedule OPT as appropriate.
- III. Energy Charges (or Credits) shall be based on the net On-Peak and Off-Peak kilowatt hours purchased from or delivered to the Company for the bill month. For any bill month during which either the On-Peak or Off-Peak Energy Charges are a net credit, the respective On-Peak and/or Off-peak Energy Charges for the month shall be zero. Any Energy Credits shall carry forward on following month's bill by first applying excess On-Peak kwh against On-Peak kwh charges and excess Off-peak kwh against Off-peak kwh charges, then applying any remaining On-Peak kwh against any remaining Off-Peak kwh charges. Effective with the seasonal rate change on June 1 of each year, any accrued credit will be reset to zero. Credits shall not offset the Basic Facilities Charge or the Demand Charge.

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MINIMUM BILL

The monthly minimum bill for Customers receiving service under this Rider shall be no less than Basic Facilities Charge plus the Demand Charge and, if applicable, the Economy Demand Charge from the applicable time of use rate schedule, and Extra Facilities Charge, if applicable.

METERING REQUIREMENTS

The Company will furnish, install, own and maintain metering to measure the kilowatt demand delivered by the Company to the Customer, and to measure the net kilowatt-hours purchased by the Customer or delivered to the Company. The Company shall have the right to install special metering and load research devices on the Customer's equipment and the right to use the Customer's telephone line for communication with the Company's and the Customer's equipment.

SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS

This Rider is only applicable for installed generation systems and equipment that comply with the South Carolina Standard for Interconnecting Small Generation 100 kW or less with Electric Power Systems (EPS), hereinafter the "Interconnection Standard." The Customer must comply with the liability insurance requirements of the Interconnection Standard.

The Customer must submit an Application to Interconnect Small Generation 100kW or Less (SC) which must be accepted by the Company and pay an application fee in accordance with the Interconnection Standard.

POWER FACTOR CORRECTION

When the average monthly power factor of the power supplied by the Customer to the Company is less than 90 percent or greater than 97 percent, the Company may correct the energy in kilowatt-hours, as appropriate. The Company reserves the right to install facilities necessary for the measurement of power factor.

CONTRACT PERIOD

Each Customer shall enter into a contract for a minimum original term of one (1) year, and shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's South Carolina Service Regulations.

RIDER SCG (SC)  
Small Customer Generator

AVAILABILITY

Available, at the Company's option, for residential and nonresidential Customers receiving concurrent service from the Company where a generation source of energy is installed on the Customer's side of the delivery point interconnected with and operated in parallel with the Company's system. The customer's generation system will be used to offset the customer's energy and if applicable, demand requirements, supplied by the Company to the customer. The customer will be billed for all energy purchased from the company under the applicable rate schedule and the excess energy will be purchased by the Company at the credit rate listed below. The Company reserves the right to limit the number of Customers allowed to interconnect generation systems and equipment on an individual electric circuit or substation. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer's request for service under this Rider.

This Rider is available to Customers who install electric energy systems and contract with the Company for service under this Rider subject to the following conditions:

1. Residential Customers  
To qualify for service under this Rider, a residential Customer must be receiving service under Schedule RS, RE, ES, or RT, and may not be receiving service under Schedule WC or Rider LC. The Nameplate Rating of the Customer's installed generation system and equipment must not exceed the estimated maximum monthly kilowatt (KW) demand of the residence or 20 KW, whichever is less.
2. Nonresidential Customers  
To qualify for service under this Rider, a nonresidential Customer must be receiving service under Schedule G, GA, I, or OPT and may not be receiving service under Rider IS or SG. The Nameplate Rating of the Customer's installed generation system and equipment must not exceed Customer's Contract Demand or 100 KW, whichever is less. The Contract Demand shall be the maximum demand to be delivered under normal conditions to the Customer excluding output from the Customer's installed electric energy system.

RATE:

- I. The applicable rate schedule for energy delivered to the Customer, and demand if applicable, shall be the rate schedule for which the Customer qualifies and / or selects from those listed for the Customer's class of service in the Availability paragraph above.
- II. The following charges and credits will be added to the Customer's bill calculated under Paragraph I. above:

CHARGES

Supplemental Basic Facilities Charge per month:	\$3.75 per Month
Standby Charge per month	\$ .95 per KW

CREDITS

The Customer will receive credits for all excess energy delivered by the Customer to the Company equal to the most recently approved Schedule PP Variable Rate Energy Credit for On-Peak and Off-Peak Energy (Interconnected to the Distribution System).

MINIMUM BILL

The monthly minimum bill for Customers receiving service under this Rider shall be no less than the Minimum Bill calculated from the Rate Schedule with which this Rider is used, plus the Supplemental Basic Facilities Charge, plus, if applicable the Standby Charge and, the monthly facilities charge.

METERING REQUIREMENTS

The Company will furnish, install, own and maintain metering to measure the kilowatt-hours delivered by the Company to the Customer, and if applicable, the kilowatt demand. The Company will also furnish, install, own and maintain metering equipment to measure the kilowatt-hours delivered from the Customer to the Company. The Customer's service will be metered with a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter. The Company may require a contribution in aid of construction if it is required to provide to the Customer a metering installation that is deemed to be economically infeasible. The Company shall have the right to install special metering and load research devices on the Customer's equipment and the right to use the Customer's telephone line for communication with the Company's and the Customer's equipment.

DETERMINATION OF ON-PEAK AND OFF-PEAK ENERGY

On-Peak Energy shall be energy, in kilowatt-hours, which is supplied to the Company during On-Peak Period Hours. Off-Peak Energy shall be energy, in kilowatt-hours, which is supplied to the Company during Off-Peak Period Hours.

The On-Peak Period shall be those hours, Monday through Friday, beginning at 7 A.M. and ending at 11 P.M. The Off-Peak Period shall be all other weekday hours and all Saturday and Sunday hours.

DETERMINATION OF STANDBY CHARGES

The Company will require each Customer served under this Rider with to contract for standby, auxiliary or breakdown service. For billing purposes, the Standby KW will be based on the Nameplate Rating, in kilowatts, of the Customer's system.

DEFINITION OF "NAMEPLATE RATING"

The term "Nameplate Rating" shall mean the maximum electrical output capability of the Customer's generation system and equipment at any time.

SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS

This Rider is only applicable for installed generation systems and equipment that comply with the South Carolina Standard for Interconnecting Small Generation 100 kW or Less with Electric Power Systems (EPS), hereinafter the "Interconnection Standard". The Customer must comply with the liability insurance requirements of the Interconnection Standard.

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Standard. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Standard and is being operated in parallel with the Company's system.

The Customer must submit an Application to Interconnect Small Generation 100kW or Less (SC) which must be accepted by the Company and pay an application fee in accordance with the Interconnection Standard.

The Customer will bear all the cost of interconnection on the Customer's side of the point of interconnection as well as necessary changes or upgrades to the Area Electric Power System to meet all technical and protection requirements, to address any power quality, reliability or safety issues caused by the Generator's operation or connection to the Area Electric Power System.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Standard. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly facilities charge of either: 1) 1.7% of the estimated investment in facilities provided by Duke Energy Carolinas, but not less than \$25.00, or 2) a contribution for the estimated investment in facilities provided by the Company plus a monthly facilities charge equal to .5% for that investment.

POWER FACTOR CORRECTION

When the average monthly power factor of the power supplied by the Customer to the Company is less than 90 percent or greater than 97 percent, the Company may correct the energy in kilowatt-hours, as appropriate. The Company reserves the right to install facilities necessary for the measurement of power factor and to impose an Extra Facilities Charge accordingly, solely at the option of the Company. The Company will not install such equipment, nor make a power factor correction if the generator system is less than 20 KW and uses an inverter.

CONTRACT PERIOD

Each Customer shall enter into a contract for a minimum original term of one (1) year, and shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing. The Company reserves the right to offer or require a contract for a longer original term of years, as specified in the individual contract with the customer, when justified by the circumstances.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's South Carolina Service Regulations.

**SCHEDULE RT (SC)  
RESIDENTIAL SERVICE, TIME-OF-USE**

**AVAILABILITY (South Carolina Only)**

Available on a voluntary basis to individually-metered residential customers in residences, condominiums, mobile homes, or apartments which provide independent and permanent facilities for living, sleeping, eating, cooking, and sanitation.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider NM or Rider SCG, under special terms and conditions expressed in writing in the contract with the customer.

**TYPE OF SERVICE**

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

**RATE:**

I.	Basic Facilities Charge per month	\$11.59	
		Summer Months <u>June 1 – September 30</u>	Winter Months <u>October 1 – May 31</u>
II.	On-Peak Demand Charge per month	\$6.41	\$3.21
III.	Energy Charge		
	a. On-Peak energy per month	5.1767 cents per kWh	5.1767 cents per kWh
	b. Off-Peak energy per month	4.1969 cents per kWh	4.1969 cents per kWh

**DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS**

	Summer Months <u>June 1 – September 30</u>	Winter Months <u>October 1 – May 31</u>
On-Peak Period Hours	1:00 p.m. – 7:00 p.m. Monday – Friday	7:00 a.m. – 12:00 noon Monday - Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours. All hours for the following holidays shall be considered as Off-Peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day and Christmas Day.	

**ADJUSTMENT FOR FUEL COSTS**

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

**DEFINITION OF "MONTH"**

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

**DETERMINATION OF BILLING DEMAND**

The On-Peak Demand for billing purposes each month shall be the maximum integrated thirty-minute demand measured for the On-Peak period during the month for which the bill is rendered.



MINIMUM BILL

The minimum bill shall be the Basic Facilities Charge.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

SCHEDULE OPT (SC)  
OPTIONAL POWER SERVICE, TIME-OF-USE

AVAILABILITY (South Carolina Only)

Available to the individual customer.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premise.

This Schedule is not available to the individual customer who qualifies for a residential schedule, nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider NM or Rider SCG, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts, 120/208 volts, 240/480 volts or other available single-phase voltages at the company's option; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge	\$33.54	
II.	Demand Charge	Summer Months	Winter Months
	A. On-Peak Demand Charge per month	<u>June 1 – September 30</u>	<u>October 1 – May 31</u>
	For the first 2000 kW of Billing Demand per month	\$13.16 per kW	\$7.69 per kW
	For the next 3000 kW of Billing Demand per month	\$11.67 per kW	\$6.40 per kW
	For all over 5000 kW of Billing Demand per month	\$ 9.40 per kW	\$4.74 per kW
	B. Economy Demand Charge per month	\$1.01 per kW	\$1.01 per kW
III.	Energy Charge		
	The Energy Charge for customers receiving service in establishments classified as "Manufacturing Industries" by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes is shown below under "Industrial Service". The rate for all other customers on this schedule is shown under "General Service".		
		<u>General Service</u>	<u>Industrial Service</u>
		<u>All Months</u>	<u>All Months</u>
	A. All On-Peak Energy per month	5.1932 cents per kWh	5.1703 cents per kWh
	B. All Off-Peak Energy per month	2.5331 cents per kWh	2.5102 cents per kWh

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	Summer Months	Winter Months
	<u>June 1 – September 30</u>	<u>October 1 – May 31</u>
On-Peak Period Hours	1:00 p.m. – 9:00 p.m.	6:00 a.m. – 1:00 p.m.
	Monday – Friday	Monday – Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours.	

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken each month at intervals of approximately thirty (30) days.

CONTRACT DEMAND

The Company will require contracts to specify the maximum demand to be delivered to the Customer which shall be the Contract Demand.

Where the Customer can restrict on-peak demand to levels considerably below that of the Contract Demand, the Company may also contract for a limited On-Peak Contract Demand in addition to the Contract Demand.

DETERMINATION OF BILLING DEMAND

A. The On-Peak Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand during the applicable summer or winter on-peak period during the month for which the bill is rendered.
2. Fifty percent (50%) of the Contract Demand (or 50% of the On-Peak Contract Demand if such is specified in the contract)
3. 15 kilowatts (kW)

B. Economy Demand

To determine the Economy Demand, the larger of

1. The maximum integrated thirty-minute demand during the month for which the bill is rendered; or
2. 50% of the Contract Demand

shall be compared to the On-Peak Billing Demand as determined in A. above. If the demand determined by the larger of B. 1 and B. 2 above exceeds the On-Peak Billing Demand, the difference shall be the Economy Demand.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the sum of the On-Peak Demand Charge and the Economy Demand Charge shall not be less than \$1.49 per month per kW of Contract Demand. If the Customer's measured demand exceeds the Contract Demand, the Company may at any time establish the minimum based on the maximum integrated demand in the previous twelve months including the month for which the bill is rendered.

POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and shall automatically renew thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

**SCHEDULE RS (SC)  
RESIDENTIAL SERVICE**

AVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, mobile homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider SCG, under special terms and conditions expressed in writing in the contract with the customer.

Service under Categories 3 and 4 is closed and not available for service unless the residential structure meets the Category 3 or 4 requirements and construction began before June 29, 1993. Categories 3 or 4 remain in effect for structures which qualified before June 29, 1993 and continue to meet the Category 3 or 4 requirements.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

	<u>Category 1</u>	<u>Category 2</u>	<u>Category 3*</u>	<u>Category 4*</u>
I. Basic Facilities Charge per month	\$6.16	\$6.16	\$6.16	\$6.16
II. Energy Charges				
For the first 1000 kWh used per month, per kWh	7.9744¢	7.2715¢	7.5848¢	6.9150¢
For all over 1000 kWh used per month, per kWh	8.7605¢	8.7605¢	8.3319¢	8.3319¢

\*Closed effective June 29, 1993 (see Availability above).

RATE CATEGORIES AND REQUIREMENTS

CATEGORY 1 is applicable to any residential customer.

CATEGORY 2 is applicable where an electric water heater meeting the specifications set forth below is installed and is used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

1. Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 49	4500
50 - 119	5500
120 and larger	Special approval

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

## Schedule RS (SC) (continued)

CATEGORY 3 is applicable for residences which meet the following thermal conditioning requirements:

1. Ceilings shall have insulation installed having a thermal resistance value of 30 (R-30).
2. Walls exposed to full temperature differential (TD) or unconditioned area shall have a total resistance of R-12.
3. Floors over crawl space shall have insulation installed having a resistance of R-19.
4. Windows shall be insulated glass or storm windows.
5. Doors exposed to full TD shall be weather-stripped and equipped with storm doors or of the insulated type. Other doors exposed to unconditioned areas must be weather-stripped.
6. Air ducts located outside of conditioned space must have: 1) all joints mechanically fastened and sealed, and 2) a minimum of 2 inches of R-6.5 duct wrap insulation, or its equivalent.
7. Attic ventilation must be a minimum of one square foot of free area for each 150 square feet of attic area. Mechanical ventilation or ceiling vapor barrier, in lieu of free area, may be used where necessary, subject to special approval.
8. Chimney flues and fireplaces must have tight-fitting dampers.
9. Central air conditioning systems installed after June 29, 1993 must have a Seasonal Energy Efficiency Ratio (SEER) of 11 or more (10.5 SEER or more for package systems).

Alternate Equivalent Performance Standard: Variations may be made in the Insulation Standards as long as total heat loss does not exceed that calculated using the specific Standards above. Duct or pipe losses shall be included in the computation of the total heat losses. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) Guide shall be the source for heat loss calculations.

CATEGORY 4 is available for residences which meet the requirements of both Categories 2 and 3 above.

Billing of service under Categories 2, 3, or 4 will begin after the Customer has notified the Company that the rate category qualifications have been met and the Company has inspected the premises for compliance with the provisions of the applicable category. The Company at all reasonable times shall have the right to periodically inspect the premises of the Customer for compliance with the requirements, subsequent to the initial inspection.

### ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to, all service supplied under this Schedule.

### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

### PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

### CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

SCHEDULE RE (SC)  
RESIDENTIAL SERVICE  
ELECTRIC WATER HEATING AND SPACE CONDITIONING

AVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, mobile homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation. In addition, all energy required for all water heating, cooking, clothes drying, and environmental space conditioning must be supplied electrically, and all electric energy used in such dwelling must be recorded through a single meter.

To qualify for service under this Schedule, the environmental space conditioning system and a separate electric water heater must permanently be installed in accordance with sound engineering practices and the manufacturer's recommendations, and both shall meet the requirements shown under Rate Categories and Requirements below.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider SCG, under special terms and conditions expressed in writing in the contract with the customer.

Category 2 is closed and not available for service unless the building permit for a residential structure was issued prior to February 1, 2005 and where construction is completed and the structure meets the requirements for Category 2 prior to September 1, 2005. Category 2 remains in effect for structures which did qualify before January 1, 2005 and continue to meet the requirements of Category 2.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

	<u>Category 1</u>	<u>Category 2*</u>
I. Basic Facilities Charge per month	\$6.16	\$6.16
II. Energy Charges		
For the first 1000 kWh used per month, per kWh	6.6504¢	6.3266¢
For all over 1000 kWh used per month, per kWh	7.2894¢	6.9340¢

\*Closed effective January 1, 2005 (See Availability above)

RATE CATEGORIES AND REQUIREMENTS

CATEGORY 1 is applicable where the following requirements for electric water heating and environmental space conditioning are met.

An electric water heater meeting the specifications set forth below must be installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

- Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.
- Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 49	4500
50 - 119	5500
120 and larger	Special approval

RATE CATEGORIES AND REQUIREMENTS Category 1 (continued)

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

Electric space conditioning meeting the specifications set forth below must be installed and used to supply the entire space conditioning requirements, except that which may be supplied by supplemental non-fossil sources such as solar.

1. Room-type systems shall be controlled by individual room thermostats.
2. Heat pumps shall be controlled by two-stage heating thermostats, the first stage controlling compressor operation and the second stage controlling all auxiliary resistance heaters. Auxiliary heaters shall be limited to 48 amps (11.5 KW at 240 volts) each and shall be switched so that the energizing of each successive heater is controlled by a separate adjustable outdoor thermostat. A manual switch for by-pass of the first stage and the interlock of the second stage of the heating thermostat will be permitted.
3. Excess heating capacity (15% more than total calculated heat losses) may be disconnected at the option of the Company.
4. Total heat loss shall not exceed 30 BTUH (at 60 degrees F. temperature differential) per square foot of net heated area. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) Guide shall be the source for heat loss calculations. Duct or pipe losses shall be included in the computation of total heat losses.

CATEGORY 2 is applicable for residences which meet the following thermal conditioning requirements in addition to the requirements of Category 1 above. All residential structures for which construction is started on or after June 29, 1993 must meet the following requirements:

1. Ceilings shall have insulation installed having a minimum thermal resistance value of 30 (R-30).
2. Walls exposed to full temperature differential (TD) or unconditioned area shall have a minimum total resistance of R-16.
3. Floors over crawl space shall have insulation installed with a minimum resistance value of R-19.
4. Concrete slab floors shall have perimeter insulation installed having a minimum resistance value of R-6.
5. The residence must be constructed with a continuous vapor barrier on all exterior walls.
6. Windows shall be insulated glass or storm windows.
7. Glass areas shall meet state building code requirements.
8. Doors exposed to full TD shall be weather-stripped and equipped with storm doors or of the insulated type. Other doors exposed to unconditioned areas must be weather-stripped.
9. Air ducts located outside of conditioned space must have: 1) all joints mechanically fastened and sealed, and 2) a minimum of 2 inches of R-6.5 duct wrap insulation, or its equivalent.
10. Ducts for the space conditioning system(s) must be sealed with a permanent finish sealant with air leakage of 3% or less.
11. Attic ventilation must be a minimum of one square foot of free area for each 150 square feet of attic area. Mechanical ventilation or ceiling vapor barrier, in lieu of free area, may be used where necessary, subject to special approval.
12. Chimney flues and fireplaces must have tight-fitting dampers.
13. Central air conditioning systems installed in residences for which construction is started on or after June 29, 1993 (or new central air conditioning systems installed in existing residences after June 29, 1993) must have a Seasonal Energy Efficiency Ratio (SEER) of 11 or more (10.5 or more SEER for package systems).

The following exceptions to the above requirements apply to residential structures served by the Company (or for which a construction was started) prior to June 29, 1993. These exceptions also apply to all manufactured homes.

1. Walls exposed to full temperature differential (TD) or unconditioned area shall have a minimum total resistance of R-12.
2. Number 4 above concerning slab insulation is not applicable.
3. Number 5 above concerning continuous vapor barrier is not applicable.
4. Number 7 above concerning glass limitation is not applicable.
5. Number 10 above concerning duct sealant is not applicable.

Alternate Equivalent Performance Standard: Variations may be made in the Insulation Standards as long as total heat loss does not exceed that calculated using the specific Standards above. Duct or pipe losses shall be included in the computation of total heat losses. Duke Power's procedure for calculating heat loss or the current edition of ASHRAE Guide shall be the source for heat loss calculations.

Billing of service under this schedule will begin after the Customer has notified the Company that qualifications for Category 1 or 2 have been met and the Company has inspected the premises for compliance with the provisions of the applicable category. The Company at all reasonable times shall have the right to periodically inspect the premises of the Customer for compliance with the requirements, subsequent to the initial inspection.

SCHEDULE RE (SC) continued

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to, all service supplied under this Schedule.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee, or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.



SCHEDULE ES (SC)  
RESIDENTIAL SERVICE, ENERGY STAR

AVAILABILITY (South Carolina Only)

Available only to residential customers in residences, condominiums, mobile homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation, and which are certified to meet the standards of the Energy Star program of the United States Department of Energy and Environmental Protection Agency.

To qualify for service under this Schedule compliance with the Energy Star standards must be verified by a third party independent Home Energy Rating System (HERS) rater working for an approved HERS provider.

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider SCG, under special terms and conditions expressed in writing in the contract with the customer.

Electric space heating and/or electric domestic water heating are not required, but if present, must meet the standards outlined below to qualify for the Rates under Category 2 or 3, and must be permanently installed in accordance with sound engineering practices and the manufacturer's recommendations. In addition, to qualify for service under this schedule all electric energy used in the dwelling must be recorded through a single meter.

Energy Star Home Certification criteria may vary based on the geographical location of the residence. The criteria for each county served by Company and a list of independent HERS raters are available from the Company or on the Energy Star web site at [www.energystar.gov](http://www.energystar.gov).

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the Company's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the Company.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

	<u>Category 1</u>	<u>Category 2</u>	<u>Category 3</u>
I. Basic Facilities Charge per month	\$6.16	\$6.16	\$6.16
II. Energy Charges			
For the first 1000 kWh used per month, per kWh	7.8312¢	7.1424¢	6.3266¢
For all over 1000 kWh used per month, per kWh	8.6016¢	8.6016¢	6.9340¢

RATE CATEGORIES AND REQUIREMENTS

CATEGORY 1 is applicable to residences where the Energy Star standards are met, irrespective of the source of energy used for water heating or environmental space conditioning.

CATEGORY 2 is applicable to residences where the Energy Star standards are met and electric water heating is installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

1. Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.

RATE CATEGORIES AND REQUIREMENTS Category 2 (continued)

2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 49	4500
50 - 119	5500
120 and larger	Special approval

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

CATEGORY 3 is applicable to residences where the Energy Star standards are met and all energy required for all water heating, cooking, clothes drying, and environmental space conditioning is supplied electrically, except that which may be supplied by supplemental non-fossil sources such as solar. Electric water heating must meet the requirements outlined in Category 2 above.

Billing of service under this schedule will begin after the Customer has provided the Company with certification that the residence meets the Energy Star standards. In addition, if the residence is equipped with electric environmental space conditioning and/or electric water heating, billing of service under Category 2 or 3 will begin after the Customer has provided satisfactory documentation that the residence meets the requirements of Category 2 or 3 shown above. The Company at all reasonable times shall have the right to periodically inspect the premises of the Customer for compliance with the requirements, subsequent to the initial inspection.

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to, all service supplied under this Schedule.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee, or other fee assessed by or remitted to a state or local government authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

SCHEDULE G (SC)  
GENERAL SERVICE

AVAILABILITY (South Carolina Only)

Available to the individual customer.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premises.

This Schedule is not available to the individual customer who qualifies for a residential or industrial schedule nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, except at the option of the Company, or for service in conjunction with Rider SCG, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts, 120/208 volts, 240/480 volts or other available single-phase voltages at the company's option; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge	\$6.85
II.	Demand Charge	
	For the first 30 kW of Billing Demand per month	No Charge
	For all over 30 kW of Billing Demand per month	\$3.28 per kW
II.	Energy Charge	
	<u>For the First 125 kWh per KW Billing Demand per Month:</u>	
	For the first 3,000 kWh per month	10.3638 cents per kWh
	For the next 87,000 kWh per month	5.4598 cents per kWh
	For all over 90,000 kWh per month	3.6940 cents per kWh
	<u>For the Next 275 kWh per KW Billing Demand per Month:</u>	
	For the first 6,000 kWh per month	5.5304cents per kWh
	For the next 95,000 kWh per month	5.4684 cents per kWh
	For the next 39,000 kWh per month	4.8399 cents per kWh
	For the next 60,000 kWh per month	4.8282 cents per kWh
	For all over 200,000 kWh per month	4.7649 cents per kWh
	<u>For all Over 400 kWh per KW Billing Demand per Month:</u>	
	For the first 1,000,000 kWh per month	4.6568 cents per kWh
	For all over 1,000,000 kWh per month	4.3962 cents per kWh

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

DETERMINATION OF BILLING DEMAND

The Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand in the previous 12 months including the month for which the bill is rendered.
2. Fifty percent (50%) of the Contract Demand.
3. 30 kilowatts (kW)

The Company will install a permanent demand meter when the monthly usage of the Customer equals or exceeds 3,000 kWh per month, or when tests indicate a demand of 15 kW or more. The Company may, at its option, install a demand meter for any customer served under this schedule.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

Monthly

\$1.49 per kW per month of the Contract Demand

If the Customer's measured demand exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered, instead of the Contract Demand.

Annual

\$28.40 per kW per year of the Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.
- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE GA (SC)  
GENERAL SERVICE, ALL-ELECTRICAVAILABILITY (South Carolina Only)

Available only to establishments in which environmental space conditioning is required and all energy for all such conditioning (heating and cooling) is supplied electrically through the same meter as all other electric energy used in the establishment. However, if any such establishment contains residential housekeeping units, all energy for all water heating and cooking for such units is also supplied electrically.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premise, and all electric energy used in the establishment must be provided by the Company.

To qualify for service under this Schedule, space conditioning systems shall be permanently installed in accordance with sound engineering practices and the manufacturer's recommendation.

This Schedule is not available to the individual customer who qualifies for a residential or industrial schedule nor for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Power Company, except at the option of the Company, or for service in conjunction with Rider SCG, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge	\$7.80	
II.	Demand Charge		
	For the first 30 KW of Billing Demand per month	No Charge	
	For all over 30 KW of Billing Demand per month	\$3.28 per kW	
II.	Energy Charge	Billing Months April - November	Billing Months December - March
	<u>For the First 125 kWh per KW Billing Demand per Month:</u>		
	For the first 3,000 kWh per month	10.3638 cents per kWh	9.8535 cents per kWh
	For the next 87,000 kWh per month	5.4598 cents per kWh	5.1947 cents per kWh
	For all over 90,000 kWh per month	3.6940 cents per kWh	3.5172 cents per kWh
	<u>For the Next 275 kWh per KW Billing Demand per Month:</u>		
	For the first 6,000 kWh per month	5.5304 cents per kWh	5.2617 cents per kWh
	For the next 95,000 kWh per month	5.4684 cents per kWh	5.2028 cents per kWh
	For the next 39,000 kWh per month	4.8399 cents per kWh	4.6058 cents per kWh
	For the next 60,000 kWh per month	4.8282 cents per kWh	4.5946 cents per kWh
	For all over 200,000 kWh per month	4.7649 cents per kWh	4.5346 cents per kWh
	<u>For all Over 400 kWh per KW Billing Demand per Month:</u>		
	For the first 1,000,000 kWh per month	4.6568 cents per kWh	4.4318 cents per kWh
	For all over 1,000,000 kWh per month	4.3962 cents per kWh	4.1842 cents per kWh

DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

DETERMINATION OF BILLING DEMAND

The Billing Demand each month shall be the largest of the following:

1. The maximum integrated thirty-minute demand measured during the month for which the bill is rendered.
2. Fifty percent (50%) of the maximum integrated thirty-minute demand in the previous 12 months including the month for which the bill is rendered.
3. Fifty percent (50%) of the Contract Demand.
4. 15 kilowatts (kW)

Note: The minimum billing demand for contracts made prior to March 15, 1971 shall be 5 kW until the maximum integrated thirty-minute demand becomes 15 KW, after which the minimum billing demand for such contracts shall be 15 kW.

The Company will install a permanent demand meter for all customers served under this Schedule.

MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

Monthly

\$1.49 per KW per month of Billing Demand

Annual

\$28.40 per KW per year of Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate Above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.
- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.

SCHEDULE I (SC)  
INDUSTRIAL SERVICE

AVAILABILITY (South Carolina Only)

Available only to establishments classified as "Manufacturing Industries" by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes.

Service under this Schedule shall be used solely by the contracting Customer in a single enterprise, located entirely on a single, contiguous premise.

This Schedule is not available for auxiliary or breakdown service. Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for, under any other schedule of the Company, or for service in conjunction with Rider SCG, except at the option of the Company, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the Company in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises and permits, for the delivery of such power. The Company shall not be liable to any customer or applicant for power in the event it is delayed in, or is prevented from, furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises and permits.

TYPE OF SERVICE

The Company will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

Single-phase, 120/240 volts; or  
3-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts; or  
3-phase, 3-wire, 240, 460, 480, 575, or 2300 volts; or  
3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts; or  
3-phase voltages other than those listed above may be available at the Company's option if the size of the Customer's contract warrants a substation solely to serve that Customer, and if the Customer furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with the Company's specifications.

The type of service supplied will depend upon the voltage available. Prospective customers should determine the available voltage by contacting the nearest office of the Company before purchasing equipment.

Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensators. The Company reserves the right, when in its opinion the installation would not be detrimental to the service of the Company, to permit other types of motors.

RATE:

I.	Basic Facilities Charge per month	\$15.96
II.	Demand Charge	
	For the first 30 kW of Billing Demand per month	No Charge
	For all over 30 kW of Billing Demand per month	\$3.41 per kW
II.	Energy Charge	
	<u>For the First 125 kWh per kW Billing Demand per Month:</u>	
	For the first 3,000 kWh per month	10.0430 cents per kWh
	For the next 87,000 kWh per month	5.3563 cents per kWh
	For all over 90,000 kWh per month	3.6719 cents per kWh
	<u>For the Next 275 kWh per kW Billing Demand per Month:</u>	
	For the first 140,000 kWh per month	5.3502 cents per kWh
	For the next 60,000 kWh per month	5.0086 cents per kWh
	For all over 200,000 kWh per month	4.5699 cents per kWh
	<u>For all Over 400 kWh per kW Billing Demand per Month:</u>	
	For the first 1,000,000 kWh per month	4.4144 cents per kWh
	For all over 1,000,000 kWh per month	4.2309 cents per kWh

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under this Schedule.

#### DEFINITION OF "MONTH"

The term "month" as used in this Schedule means the period intervening between meter readings for the purposes of monthly billing. Readings are taken once a month at intervals of approximately thirty (30) days.

#### DETERMINATION OF BILLING DEMAND

- A. For establishments served under this schedule where environmental space conditioning is required and all energy for all such conditioning (heating and cooling) is supplied electrically through the same meter as all other energy used in the establishment, the Billing Demand each month shall be the largest of the following:
1. The maximum integrated thirty-minute demand measured during the month for which the bill is rendered.
  2. Fifty percent (50%) of the maximum integrated thirty-minute demand in the previous 12 months including the month for which the bill is rendered.
  3. Fifty percent (50%) of the Contract Demand
  4. 15 kilowatts (kW)

Note: The minimum billing demand for contracts made prior to March 15, 1971, shall be 5 kW until the maximum integrated thirty-minute demand becomes 15 kW, after which the minimum billing demand for such contracts shall be 15 kW. The Company will install a permanent demand meter for all customers meeting the requirements of (A) above.

- B. For all other customers served under this schedule, the Billing Demand each month shall be the largest of the following:
1. The maximum integrated thirty-minute demand in the previous 12 months including the month for which the bill is rendered.
  2. Fifty percent (50%) of the Contract Demand
  3. 30 kilowatts (kW)

The Company will install a permanent demand meter when the monthly usage of the Customer equals or exceeds 3,000 kWh per month, or when tests indicate a demand of 15 kW or more. The Company may, at its option, install a demand meter for any customer served under (B) above.

#### MINIMUM BILL

The minimum bill shall be the bill calculated on the Rate above including the Basic Facilities Charge, Demand Charge and Energy Charge, but the bill shall not be less than the amount determined as shown below according to the type of minimum selected by the Company:

##### Monthly

\$1.49 per kW per month of Contract Demand

If the Customer's measured demand exceeds the Contract Demand, the Company may, at any time, establish the minimum based on the maximum integrated demand in the previous 12 months including the month for which the bill is rendered, instead of the Contract Demand.

##### Annual

\$28.40 per kW per year of Contract Demand

The Company may choose this option when the Customer's service is seasonal or erratic, or it may offer the Customer a monthly minimum option.

Unless otherwise specified in the contract, the billing procedure for annual minimums will be as follows:

For each month of the contract year when energy is used, a monthly bill will be calculated on the Rate above. For each month of the contract year when no energy is used, no monthly amount will be billed. The bill for the last month of the contract year will be determined as follows:

- If the total of the charges for 12 months exceeds the annual minimum, the last bill of the contract year will include only the charges for that month.
- If the total of the charges for 12 months is less than the annual minimum, the last bill of the contract year will include an amount necessary to satisfy the annual minimum.

#### POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 85 percent, the Company may correct the integrated demand in kilowatts for that month by multiplying by 85 percent and dividing by the average power factor in percent for that month.

#### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.



PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the Company for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter by giving at least sixty (60) days' previous notice of such termination in writing; but the Company may require a contract for a longer original term of years where the requirement is justified by the circumstances.

If the Customer requests an amendment to or termination of the service agreement before the expiration of the initial term of the agreement, the Customer shall pay to the Company an early termination charge as set forth in the Company's Service Regulations.